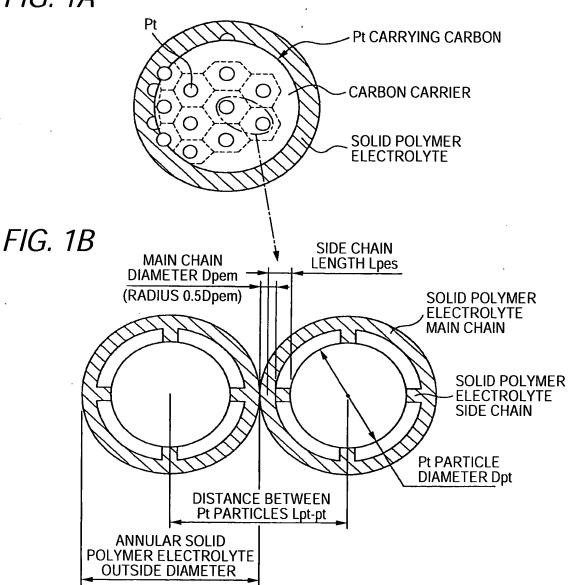
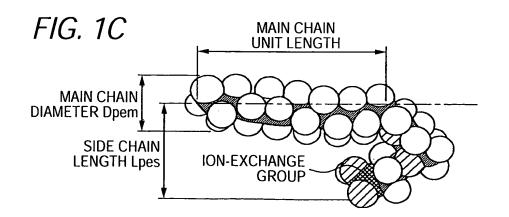
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FIG. 1A

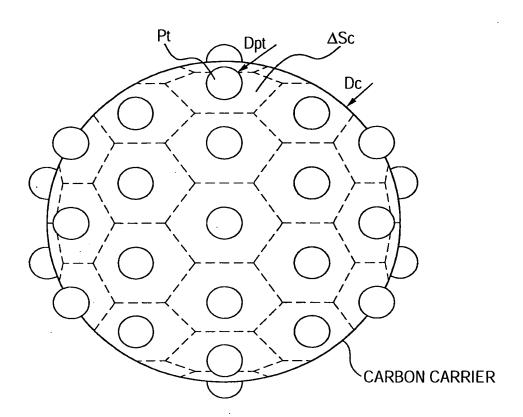




Fitle: SOLID POLYMER ELECTROLYTE MEMBRANE FUEL CELL ELECTRODE

ATALYST LAYER
nventor's Name: KOMURA, et al.
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FIG. 2



Pt CARRYING CARBON

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FIG. 3A

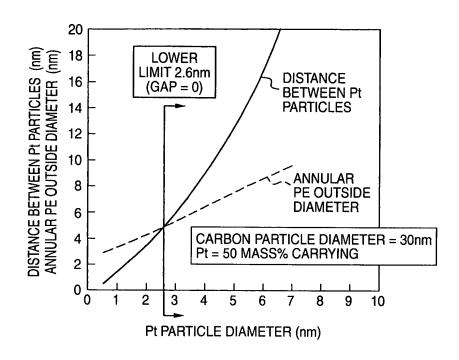
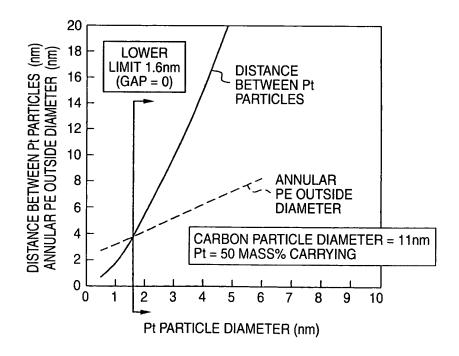
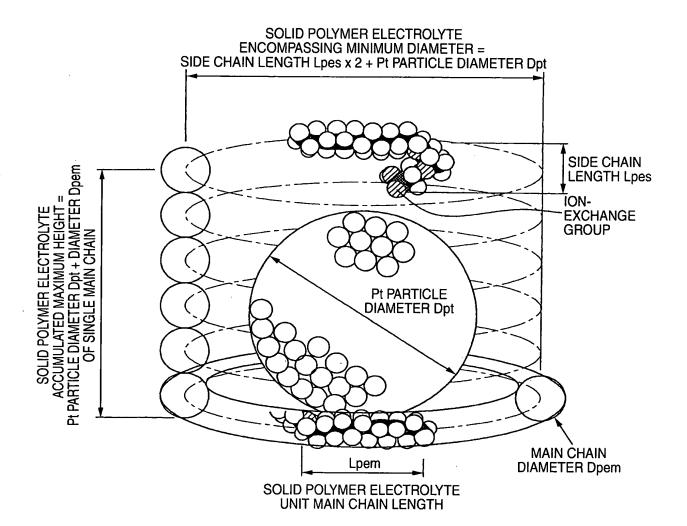


FIG. 3B



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FIG. 4



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FIG. 5A **ELECTROLYTE FILMED Pt CARRYING CARBON** 

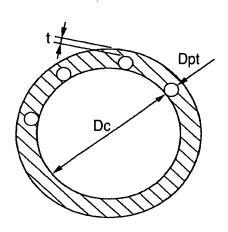
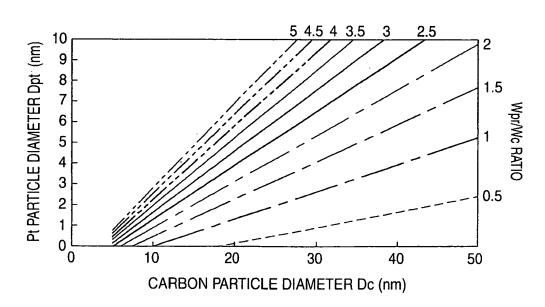


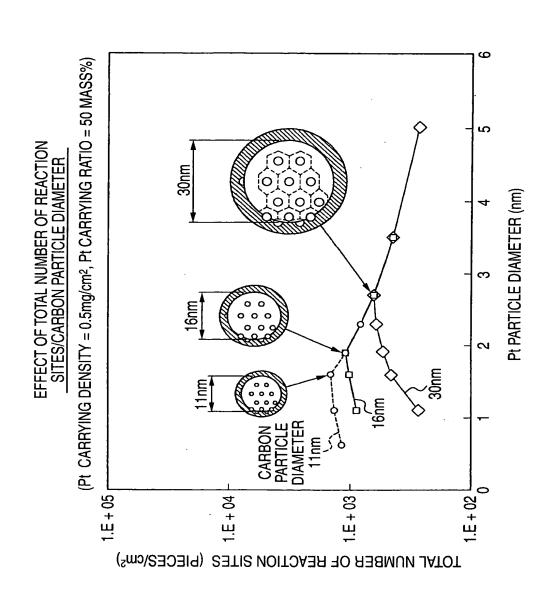
FIG. 5B Pt PARTICLE DIAMETER COVERED 1.3nm WITH PE



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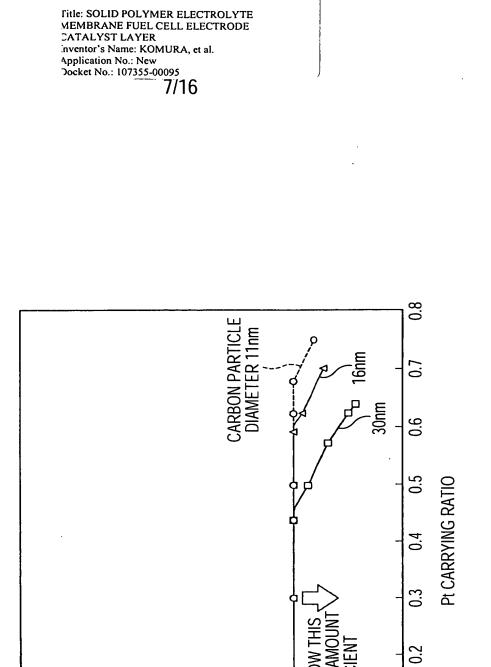


FIG. 7

TOTAL NUMBER OF REACTION SITES (PIECES/cm $^{2}$ )

1.E + 03

0.1

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FIG. 8A

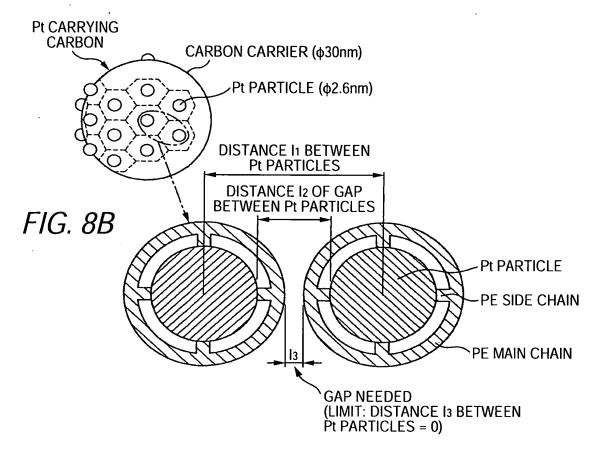
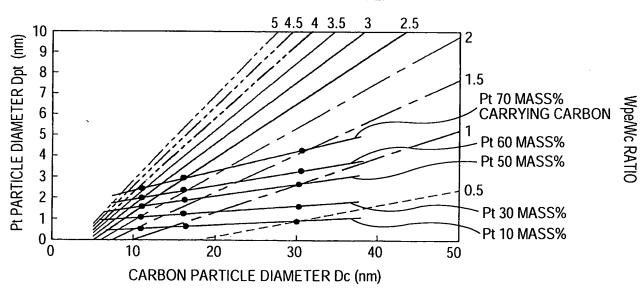


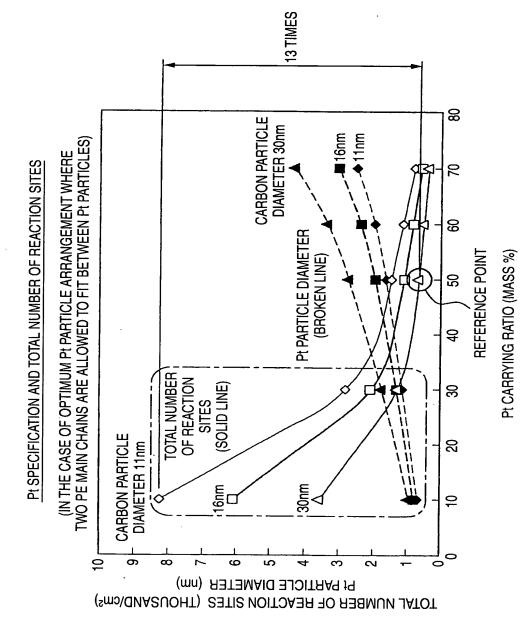
FIG. 8C

## Pt PARTICLE COVERED 1.3nm WITH PE



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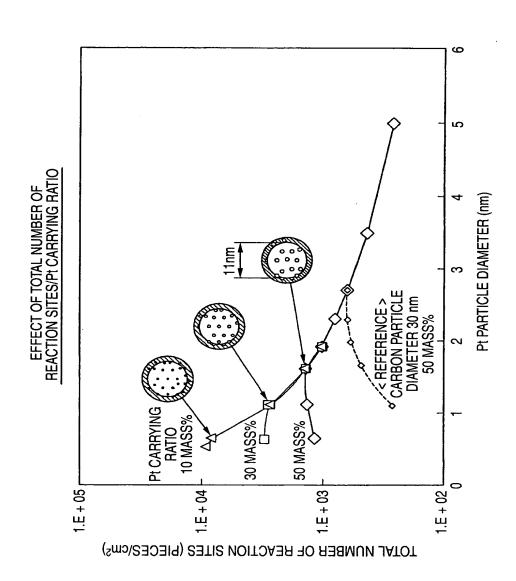
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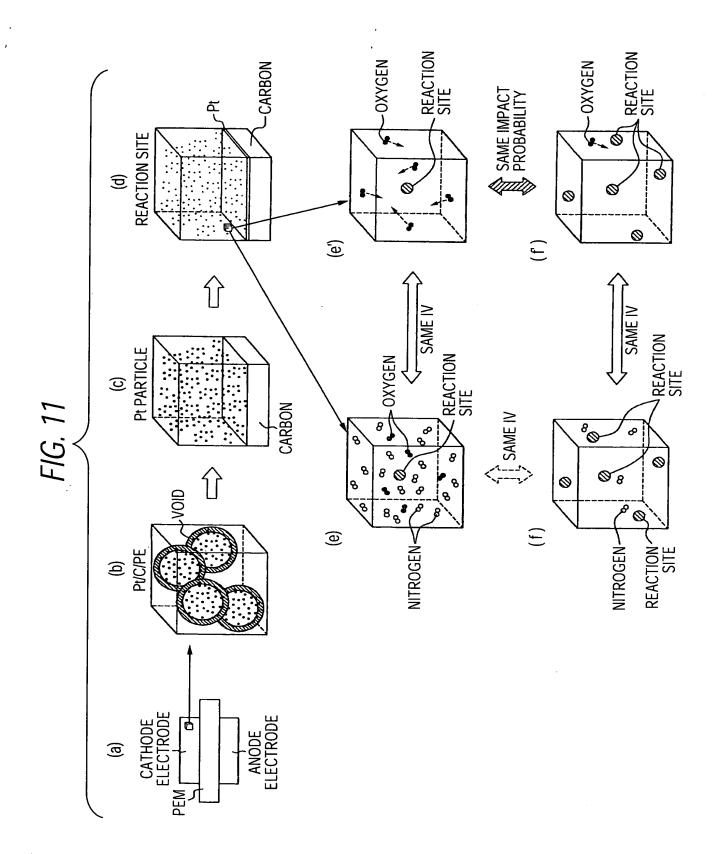
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inventor's Name: KOMURA, et al.
Application No.: New
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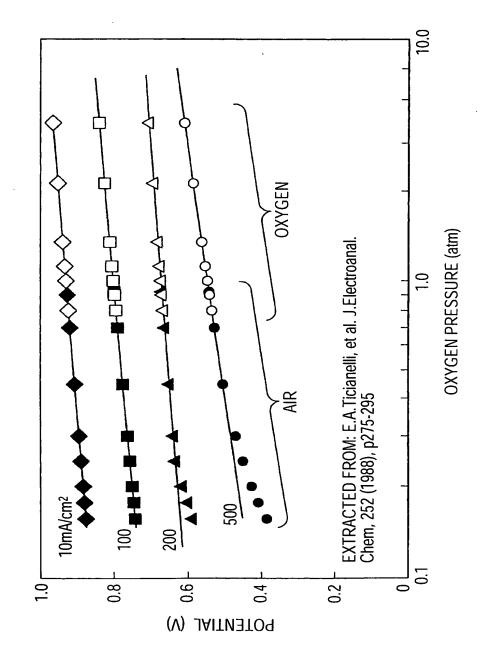


Fitle: SOLID POLYMER ELECTROLYTE MEMBRANE FUEL CELL ELECTRODE CATALYST LAYER inventor's Name: KOMURA, et al.

Application No.: New Docket No.: 107355-00095



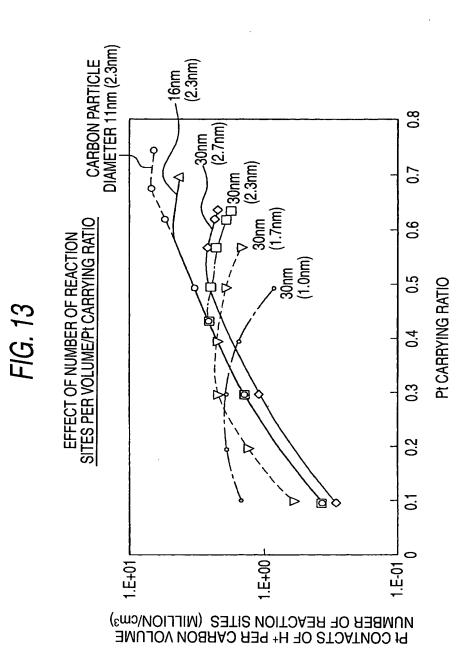
Fitle: SOLID POLYMER ELECTROLYTE MEMBRANE FUEL CELL ELECTRODE CATALYST LAYER Inventor's Name: KOMURA, et al. Application No.: New Docket No.: 107355-00095



Fitle: SOLID POLYMER ELECTROLYTE MEMBRANE FUEL CELL ELECTRODE CATALYST LAYER inventor's Name: KOMURA, et al.

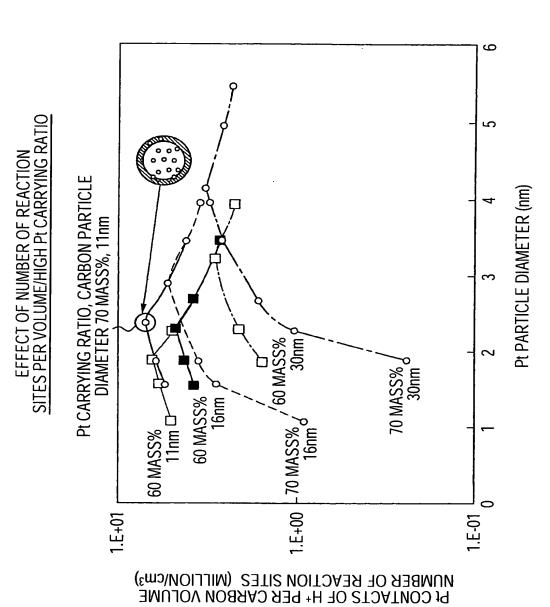
Application No.: New Docket No.: 107355-00095

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Fitle: SOLID POLYMER ELECTROLYTE MEMBRANE FUEL CELL ELECTRODE CATALYST LAYER Inventor's Name: KOMURA, et al. Application No.: New Docket No.: 107355-00095

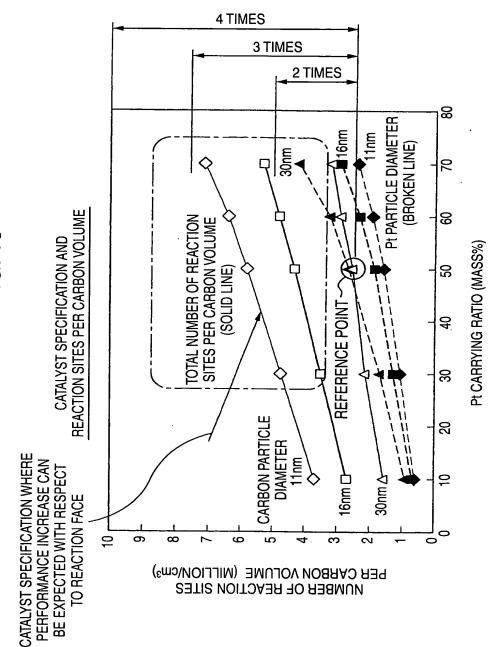
FIG. 14



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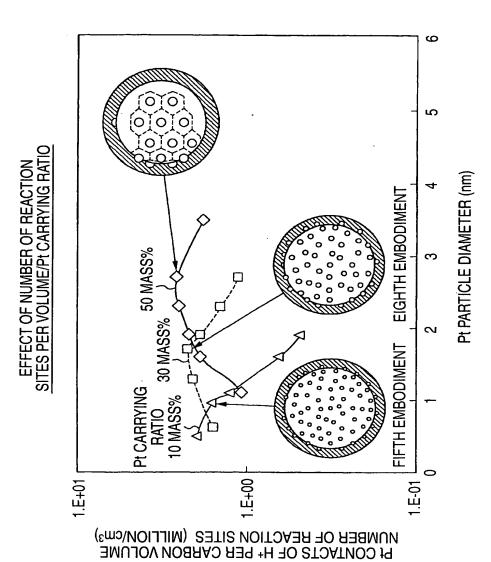
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## DIRECTION IN WHICH IV PERFORMANCE IS APPROACHED WHICH CORRESPONDS TO OPERATION EFFECTED BY PURE OXYGEN WHEN 5-FOLD REACTION SITE NUMBER RESULTS



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